

PPQ CPHST Funded CHRP Projects Summary Table

Final 8.29.09

Principle Investigator(s)	Research Project Title	Approved Budget	Project Begin Date	Anticipated Project End Date
D. Bartels, USDA APHIS PPQ CPHST	Area-Wide Management of Asian Citrus Psyllid (ACP), <i>Diaphorina citri</i> in Texas	Year 1: \$116,500 (FY09)	19-Feb-09	Ongoing
J. da Graça, Texas A&M Kingsville Citrus Center	Detection of Transmissible Citrus HLB in ACP by Bioassay in Susceptible Citrus Seedlings	Year 1: \$11,948 (FY09)	01-Oct-08	30-Sept-09
D. Gabriel, University of Florida	Genomic Sequencing of a Curated Florida Citrus Greening Strain of Las	Year 1: 117,805 (FY07) Year 2: 120,000 (FY08)	01-Oct-06	30-Dec-08
T. Gottwald, USDA Agricultural Research Service (ARS) & C. Gilligan, University of Cambridge	Disease Modeling via Stochastic Simulation to Test Disease Control/Mitigation Strategies and Maximize Regulatory Intervention	Year 1: \$114,535 (FY07) Year 2: \$117,500 (FY09)	15-Jul-07	30-Sept-09
D. Flores, USDA APHIS PPQ CPHST	Evaluating the Population Dynamics and Biological Control of the Asian Citrus Psyllid (ACP) in the Rio Grande Valley of Texas	Year 1: \$15,000 (FY07) Year 2: \$9,175 (FY08) Year 3: \$45,922 (FY09)	02-Oct-06	30-Sept-11
P. Parker, USDA APHIS PPQ CPHST	Epidemiology Studies – Field Detection, Sampling and Dissemination Parameters of Citrus Canker Disease	Year 1: \$14,000 (FY07) Year 2: \$21,500 (FY08) Year 3: \$13,700 (FY09)	01-Nov-01	30-Sep-08
B. Salas, USDA APHIS PPQ CPHST	Sentinel Tree Monitoring for Citrus Canker and HLB in Texas	Year 1: \$1,000 (FY06) Year 2: \$500 (FY07) Year 3: \$3,500 (FY08) Year 4: \$3,000 (FY09)	01-Oct-06	Ongoing
B. Salas, USDA APHIS PPQ CPHST	Survey of Citrus Leprosis/False Spider Mite (Flat Mite, <i>Brevipalpus</i> spp.) in the Lower Rio Grande Valley, Texas	Year 1: \$24,800 (FY08) Year 2: \$28,424 (FY09)	01-May-08	30-Sept-11
E. Salinas, USDA APHIS PPQ	Huanglongbing (Citrus Greening) and ACP Management by Interplanting Guava with Dense Planted Citrus	Year 1: \$20,000 (FY08) Year 2: \$8,000 (FY09)	11-Apr-08	30-Jun-10
W. Li, USDA APHIS PPQ CPHST	Sampling Methods for Improved Detection and Identification of the Causal Bacterium of citrus HLB	Year 1: \$42,000 (FY07) Year 2: \$16,000 (FY08) Year 3: \$24,000 (FY09)	01-Oct-06	30-Sep-10
W. Li, USDA APHIS PPQ CPHST	Development of Real-Time PCR for the Detection and Identification of Citrus Variegated Chlorosis (CVC) Strain of <i>Xylella fastidiosa</i>	Year 1: \$21,000 (FY07) Year 2: \$30,000 (FY08) Year 3: \$24,000 (FY09)	01-Oct-08	30-Sep-10
L. Levy, USDA APHIS PPQ CPHST	Development of CANARY B-Cell Sensing Technology for Rapid, Sensitive Detection of Plant Pathogens and Evaluation of PCR Sample-prep Cartridges for use in Trace-level Detection of Plant Diseases	Year 1: \$118,977 (FY04) Year 2: \$40,000 (FY05) Year 3: \$25,000 (FY07) Year 4: \$190,000 (FY08) Year 5: \$115,000 (FY09)	01-Mar-04	Ongoing
C. Powell, University of Florida & Y. Duan, USDA ARS- U. S. Horticultural Research Laboratory (USHRL)	Characterization of Seed Transmission of Citrus Huanglongbing	Year 1: \$80,000 (FY09)	23-Sept-08	22-Sept-09
J. Reddy & D. Gabriel Integrated Plant Genetics, Inc.	Development of Transgenic Valencia and Hamlin Orange for HLB resistance	Year 1: \$128,000 (FY08) Year 2: \$128,000 (FY09)	03-Jun-08	03-Jun-10
R. Bransky & M. Rogers, University of Florida Citrus Research & Education Center (CREC)	Seasonality of the Detection of the Citrus Huanglongbing Bacterium in Field Collected and/or Fed Asian Citrus Psyllids (<i>Diaphorina citri</i>) in Florida	Year 1: \$38,500 (FY09)	15-Sept-08	14-Sept-09